MAR 1 7 2006



Suite 301, One Westlakes, Berwyn P.O. Box 980 Valley Forge, PA 19482-0980 Phone: 610-407-0700 Fax: 610-407-0701

Nemours Building 1007 Orange Street, Suite 1100 P.O. Box 1596 Wilmington, DE 19899 Phone: 302-778-2500 Fax: 302-778-2600

www.ratnerprestia.com

Suite 265
Commerce Corporate Center--5100 Tilghman Street
Allentown, PA 18104
Phone: 610-530-8100
Fax: 610-530-8200

FAX FILING IN U.S. PATENT & TRADEMARK OFFICE

TIME: DATE: *3-17-06* FAX NO .: 571-273-8300 TO: Mail Stop Amendment ADMIN. ASST.: Patricia C. Boccella Kenneth N. Nigon FROM: ATTY. DOCKET NO.: GRY-119US APPLN. NO.: 10/781,610 TITLE OF APPLN .: ELECTROMECHANICAL VALVE CONTROL ACTUATOR FOR INTERNAL COMBUSTION ENGINES AND INTERNAL COMBUSTION ENGINE EQUIPED WITH SUCH AN ACTUATOR ART UNIT: 3751 FILING DATE: 2/18/04 CONF. NO.: 2675 FIRST INVENTOR: Emmanuel Sedda Trans. Fee Trans.; Amendment; PTO-2438 TITLE OF DOCUMENT (and List of Attachments):

Total Number of Pages: 11 (including this form)

COMMENTS

BEST AVAILABLE COPY

CONFIDENTIAL AND PRIVILEGED ATTORNEY/CLIENT INFORMATION

This facsimile transmission (and/or documents accompanying it) may contain attorney/client privileged communications and confidential business information that is intended for use only by the individual or company to whom it is addressed. Disclosure, interception, copying or any other use of this transmission by anyone other than any intended recipient is prohibited. If you receive this transmission by mistake, please notify the sender.

Please notify us immediately if you have not received the number of pages indicated above.

03-17-2006 02:40PM FROM-RatnerPrestia

6104070701

MAR 1 7 2006 P.002/011 F-512 T-502

PTO/SB/21 (09-04) (AW 10/2004)
Approved for use through 7/31/2005. OUB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	_	Application Number	107701	·			
TRANSMITTAL FORM (to be used for all correspondence after initial filling)			Filing Date	Februs	ary 18, 200		
			First Named Inventor	Emma	nuel Sedda		
			Art Unit	3751			
				John k	۔ د Fristoe, ،	lr.	-
Total No.	—hard Dagger in This Submission	Examiner Name	-				
lotal Nu	mber of Pages in This Submission		Attorney Docket No. GRY-119US				
		NCLOSUR	ES (Check all that	apply)			
	smittal Form	☐ Drawi				After Allowance Co to TC	mmunication
_	Attached		Licensing-related Papers Petition			Appeal Communic of Appeals and Int	
	ent/Reply er Final idavits/Declaration(\$)	Petiti	on to Convert to a sional Application			Appeal Communic (Appeal Notice, E Brief)	ation to TC
Extension	n of Time Request		er of Attorney, Revoca ge of Correspondence ess			Proprietary Inform	ation
Express /	Abandonment Request	Terminal Disclaimer				Status Letter Other Enclosure(s) /niease
Informati	on Disclosure Statement	Request for Refund Identify below				Identify below): P PTO-Facsimile Co	ro-2038;
Certified Copy of Priority Document(s)		CD, Number of CD(s) Landscape Table on CD					
	e to Missing Parts/ ate Application	Remarks:	***				
Response to Missing Parts under 37 CFR 1.52 or 1.53							
	SIGNATUR	E OF APPLI	CANT, ATTORNEY	ORAC	SENT		
Firm Name	RatnenPrestia		-				
Signature	Cun						
Printed Name Date	March 17, 2006 Registration No. 31,549						
Date							
1			TRANSMISSION / I				
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with postage as first class mail in an envelope addressed to; Commissioner for Petents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date							
Signature	- atreen	0/2	recella			,	
Tunad as Brinta					Date	March 17, 2006	

This collection of Information is required by 37 CFR 1.5. The Information is required to obtain or retain a benefit by the public which is to USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BEST AVAILABLE COPY

RECEIVED CENTRAL FAX CENTER

03-17-2006 02:40PM FROM-RatnerPrestia 6104070701 MAR 1 7 2003 P.003/011 F-512

PTO/SB/17 (12-04 /2) (AW 1/2005)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT (F COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid QMB									s control number.
Effoctive on 12/08/04.						Co	mplete if Kກີດ	wn	
Fees pursuant to the Consolidated Appropriations Act. 2005 (H.R. 4818).					Application Number		.610		
FEE TRANSMITTAL					Filing Date		ary 18, 2004		
For FY 2005					First Named Inventor		Emmanuel Sedda et al.		
Applicant claims small entity status. See 37 CFR 1.27					Examiner Name John K. Fristoe,				
Applicant dailins singli entry status, see 37 OFK 1.27					Art Unit 3751				
TOTAL AMOUNT	OF PAYMENT	(\$) 200.00		Attorney Do	ocket No.	GRY-1	79U\$		
METHOD OF PAYMENT (check all that apply)									
☐ Check 🛛 🤆	Credit Card 🔲	Money O	rder 🔲 No	ne 🗌 O	ther (plea	se ide	ntify):		
Deposit Acc	ount Deposit	Account Nu	mber: <u>18-035</u>	<u> 0</u>	Deposit A	ccoun	t Name: <u>Rat</u>	nerPrestia	 -
For the abov	e-identified depo	sit account	, the Director	is hereby a	authorized	d to: (d	theck all that	apply)	
☐ Charge f	ee(s) indicated belo	DWY .			Charge fee	(\$) indî	cated below, e	except for the	filing fee
	any additional fee(s' CFR 1.16 and 1.1		yment of fee(s)	Ø (Credit any	overpa	yments		
WARNING: Information	on on this form may be 2038.	есото ривіє.	Credit card infon	nation should	d not be incl	uded on	this form. Prov	ride credit card ir	formation and
FEE CALCULAT									
1. BASIC FILING	G, SEARCH, AND	EXAMINATI	ON FEES						
		S FEES Small Entity		H FEES Small Entity			TON FEES		
Application Type	Fee (\$)	Fee (\$)	<u>Fee (\$)</u>	Fee (\$)		: (\$)	Fee (\$)	Fees Paid	(<u>\$)</u>
Utility	300	150	500 100	250 50	20 13	_	100 6 5		
Design Plant	200 200	100 100	300	150	16		80		
Reissue	300	150	500	250	60	00	300		
Provisional	200	100	0	0		0	0		
Fee Description Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Each independent claim over 3 (including Reissues)								all Entity) Fee (\$) 25 100 180	
Multiple dependent claims Total Claims Extra Claims Extra Claims Total Claims Extra Claims Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims Total Claims Extra Claims Total Claims Extra Claims Fee (\$) Fee Paid (\$)								100	
HP = highest number of t	total claims paid for, if gre	ater than 20		n Paid (S)		·			
Indep. Claims Extra Claims Fee Paid (\$) 5 -4 or HP = 1 x 200.00 = 200.00 HP = highest number of independent claims paid for, if greater than 3									
3. APPLICATION SIZE FEE									
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.57 the application size fee due is \$250 (\$125 for small entity) for each 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.1 Total Sheets Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Foe (5) Foe Paid (5)									R 1.52(e)), R 1.16(s).
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)									
Other (c.g., lat	e fillpg surcharge):	· ————							L1
SUBMITTED BY	1111	ار ر						plete (if applicable	/
Signature	year	Re	distration No. Attorn	rey/Agent)	31,549		Telephone	(610) 407-0700 March 17, 2006	
Name (Print/Type)	Kenneth N. Nigon	·					Oate	March 17, 2006	

This collection of Information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradesnark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, OO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 150, Alexandria, VA 22313-1450. VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

BEST AVAILABLE COPY

RECEIVED CENTRAL FAX CENTER

03-17-2006

02:41PM

FROM-RatnerPrestia

6104070701

MAR 1 17502006.004/011 F-512

PTO/SB/17 (12-04/2) (AW 1/2005)
Approved for use through 7/31/2008, DMB 06S1-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the	Paperwork Reductio	n Act of 1995, no persor	s are required to re	pond to a collect	notismootni la na	unless it displa	ys a valid Of	3 control number.	
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid Of Effective on 12/08/04. Complete if Known								\longrightarrow	
Fees pursuant to the Consolidated Appropriations Act. 2005 (H.R. 4816).			4818). Applica	Application Number 10		10/781,610			
FEE TRANSMITTAL			Filing (Date	February 18, 2004				
For FY 2005			First N	First Named Inventor		Emmanuel Sedda et al.			
Applicant claims so	autsta viite en	See 37 CFR 1.27	Exami	er Name	John K. Fristo	oe, Jr.			
Applicant claims small entity status. See 37 CFR 1.27				t	3751				
TOTAL AMOUNT OF	PAYMENT (\$) 200.00	Attorne	y Docket No.	GRY-119US				
METHOD OF PAYMENT (check all that apply)									
☐ Check ☑ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):									
Deposit Accou				Deposit A	ccount Nam	e: <u>Ratne</u>	rPrestia		
For the above in	ientified depos	sit account, the D	irector is here	by authorize	d to: (check	all that ap	ply)		
	;) indicated belo				e(s) indicated			filing fee	
Charge any	•	or underpayment of	of fee(s)	Credit any	overpayment	5			
WARNING: Information of	this form may be	come public. Credit o	ard Information \$	hould not be inc	luded on this fo	rm. Provide	credit card	formation and	
authorization on PTO-2031									
		XAMINATION FE	E\$	· · ·					
	FILING	FFES	SEARCH FEE	S EXA	MINATION 8	EES			
		mall Entity	Small E	<u>ritity</u>	Small E	ntity			
Application Type	Fee (5)		<u>ee (\$) Fee</u>			<u>: (\$)</u>	Fees Paid	<u>(\$)</u>	
Utility	300		500 25		00 10				
Design	200		100 5			65 10			
Plant	200	· • -	300 15				_		
Reissue	300		500 25		00 30				
Provisional	200	100	0	0	0	o			
2. EXCESS CLAIM FEES Fee Description Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Multiple dependent claims 380								nall Entity \$) <u>Fee (\$)</u> 25 100 180	
<u>Total Claims</u> 10 - 20 pri	Extra Ci:	<u>sims</u> <u>Fee (\$</u>	Fec Pald (\$) <u>Multiple</u> Fee (\$	Dependent CL Fee Paid				
HP = highest number of total	claims paid for, If gree	stor than 20	_		. —	•			
Indep. Claims Extra Claims Fee (\$) Fee Paid (5)									
5 -4 or HP = 1 x 200.00 = 200.00 HP = highest number of independent dalms paid for, if greater than 3									
3. APPLICATION SIZE FEE									
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 Ct the application size fee due is \$250 (\$125 for small entity) for each 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 Ct									
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (5) Fee Paid (5)									
For Date								5	
Non-English Specification, \$130 fee (no small entity discount)								-	
Other (e.g., late filing surcharge):Complete (# applicat								201	
SUBMITTED BY	911					Lompte	г а In яррясас	()	
Signature	//K	Registration	No. Attorney/Ager	t) 31,549			10) 407-070		
Name (Print/Type) Ko	meth N. Nigon	(les information !	anauriand to al	Date		larch 17, 200 the public v	hich is to file	
This collection of Infor	nation is required	1 by 37 CFR 1.136. T	ne information is	, цедтива со ор	men or recin	weitent na	nie hnoug A	mon to to the	

(and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

BEST AVAILABLE COPY

03-17-2006 02:41PM FROM-RatnerPrestia

6104070701

F-512

Appin. No.: 10/781,610

Amendment Dated March 15, 2006

Reply to Office Action of December 19, 2005

GRY-119US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

10/781,610

Applicant:

Emmanuel Sedda et al.

Filed:

February 18, 2004

Title:

Electromechanical Valve Control Actuator for Internal Combustion Engines

and Internal Combustion Engine Equipped With Such an Actuator

TC/A.U.:

3751

Examiner:

John K. Fristoe, Jr.

Confirmation No.: 2675

Docket No.:

GRY-119US

AMENDMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated December 19, 2005, please amend the aboveidentified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

 \boxtimes Remarks/Arguments begin on page 4 of this paper.

BEST AVAILABLE COPY

03/20/2006 MBINAS

00000009 0781610

01 FC:1201

209.00 OP

Page 1 of 6